



Dart Hawkesbury
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada
Tel (613) 632-5200

Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Serial No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Total	Supp Nan
PO038328	THY001-VC	1	1	Net 30	M6061T6B1.000X16.000	6061-T6 Bar 1.00 X 16.00 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft				24	11/17/2017	24		S010929	Stock	11/17/2017	\$ 67.26 / ft	0		\$1,614.24	Thyssen Material Ltd
Total:										24		24								\$1,266.70	

Ptex 11/17/2017 10:45 AM Dart Plouffe Sonia

Status: Receiving

Part: **M6061T6B1.000X16**

Created: 11/17/17 10:43 AM DART.PLOUFFE.SC



Serial No: **S010929**

Printed By: **Plouffe, Sonia** 11/17/17 10:43 AM



thyssenkrupp Materials NA, 2821 Langstaff Road, Concord, ON L4K 5C6

DELIVERY NOTE COPY



DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7

DATE: 11/14/2017
DOC. NO: 2405555994*
BOL. NO: 2405555994
ORDER NO: 1403415642
YOUR P/O: 38328
LOADING NO: 3510205880
CUSTOMER NO: 10058125
Route: 303UA
CONTACT: Stan Ivers
TEL: 905-532-1350 ext 21350
FAX: 905-738-9033 ext 9033
EMAIL: STAN.IVERS@THYSSENKRUP

SHIP ON VIM TRANSFER TRUCK
MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **

Deliveries are carried out for your account and risk acc. to our Gen. Terms & Cond. of Delivery and Payment.

ITEM	DESCRIPTION	NET QTY1 / QTY2	PACKAGE NO
0010	ALREC01030	1 PC	1007990161
	6061 T6511 Aluminum Extruded Rectangular	232 lb	
	1.00000 (+.038-0) X 16.0000 (+.208-0) X 144 Mill Length		
	Nominal Chemistry/Act Physical		
	Standard Packaging		
TAGNUM	QTY	UOMVEND	VENDPO HLOT
PCS			
2001256645	1	PC	SAPA EXTR 5400337199 22730458

SAE AMS-QQ-A-200/8|1997;ROHS COMPLIANT;ASTM B 221|2014

Total Gross Weight

232.000 lb

All items, not declared as partial delivery, are final quantities.

Delivery Terms: PPD gem. Incoterms 2000 Prepaid PREPAID

2 K8 V

DELIVERY NOTE COPY

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7

DATE:	11/14/2017
DOC. NO:	2405555994*
BOL. NO:	2405555994
ORDER NO:	1403415642
YOUR P/O:	38328
LOADING NO:	3510205880
CUSTOMER NO:	10058125
Route:	303UA
CONTACT:	Stan Ivers
TEL:	905-532-1350 ext 21350
FAX:	905-738-9033 ext 9033
EMAIL:	STAN.IVERS@THYSSENKRUP

CERTIFICAT DE CONFORMITÉ/CERTIFICATE OF COMPLIANCE

*thyssenkrupp Matériaux NA certifie que le matériel décrit ci-dessus est conforme aux dessins ou spécifications exigés sur le bon de commande et qui sont en vigueur à la date ou la commande a été acceptée.

*thyssenKrupp Materials NA certifies that the material described above is in accordance with the drawings or specifications called for on said order that are current on the date order was accepted.

*Nous certifions que le document reproduit ici est une copie conforme du rapport fourni par le fournisseur du matériel où les données résultent de l'analyse faite par un laboratoire qualifié.

David Noordine - Director of Quality Assurance





DELIVERY NOTE COPY



DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7

DATE: 11/14/2017
DOC. NO: 2405556383*
BOL. NO: 2405556383
ORDER NO: 1403416128
LOADING NO: 3510205862
CUSTOMER NO: 10058125
Route: 303UA
CONTACT: Stan Ivers
TEL: 905-532-1350 ext 21350
FAX: 905-738-9033 ext 9033
EMAIL: STAN.IVERS@THYSSENKRUP
P.COM

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **

** REFERENCED ON IT **

Deliveries are carried out for your account and risk acc. to our Gen. Terms & Cond. of Delivery and Payment.

ITEM	DESCRIPTION	NET QTY1 / QTY2	PACKAGE NO.
0010	ALREC01030 6061 T6511 Aluminum Extruded Rectangular 1.00000 (+.038-0) X 16.0000 (+.208-0) X 144 Mill Length Nominal Chemistry/Act Physical Standard Packaging SHIP ON VIM TRANSFER TRUCK W/ 1403415642	1.002 PC 233.078 lb	1007990408
	TAGNUM QTY UOM VENDOR VENDPO HLOT PCS		
	2001256724 1 PC SAPA EXTR 5400337199 22730458		
	SAE AMS-QQ-A-200/8 1997;ROHS COMPLIANT;ASTM B 221 2014		

Total Gross Weight

233.078 lb

All items, not declared as partial delivery, are final quantities.
Delivery Terms: PPD gem. Incoterms 2000 Prepaid PREPAID



DELIVERY NOTE COPY

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7

DATE:	11/14/2017
DOC. NO:	2405556383*
BOL. NO:	2405556383
ORDER NO:	1403416128
LOADING NO:	3510205862
CUSTOMER NO:	10058125
Route:	303UA
CONTACT:	Stan Ivers
TEL:	905-532-1350 ext 21350
FAX:	905-738-9033 ext 9033
EMAIL:	STAN.IVERS@THYSSENKRUP P.COM

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David Noordine - Director of Quality Assurance



Sapa

Sapa Industrial Extrusions
53 POTTSVILLE STREET
CRESSONA, PA
17929-0187

Sapa Extrusions Inc., a Subsidiary of Sapa AB

Invoice To Customer

COPPER & BRASS SALES INC
ATTN: ACCOUNTS PAYABLE
P.O. BOX 5116

SOUTHELD, MI - 48086

Ship To Customer

COPPER & BRASS SALES INC
8001 THYSSENKRUPP PARKWAY

NORTHWOOD, OH - 43619

Certified Inspection Report

Sale Order Number	Line No.	Customer P/O	Cert Number	Page
1101181140	8	5400337199-80	SAPA2596309	1 of 2
			Cert Creation Date	Cert Print Date
			06-FEB-17	06-FEB-17

Quantity Shipped	Date Shipped	Item Description	Specification
4632 LB	06-FEB-17	ACC-U-PLATE Extruded ACC-U-PLATE 1.000 TK x 16.000 W TK TOL. +.030/-000 W TOL. +.208/-000 SECT 515175 144 IN LN FIN M-MILL W/F 19.298 F 2 CS 16.1 6061/T6511 Marking CONTINUOUS;	ASTM B221 REV 14 ASME B221 REV 09 AMS-QQ-A-2008 REV A IS-768 REV
807944	0603226617	Item No.	
Delivery Id	Item No. Rev		
4866540			
Customer Part No.			
ALREC01030			

Applicable Specifications, Revisions and Exceptions

ACC-U-PLATE

Acc-U-Plate(TM) product greater than 0.375" thick in 6061 T6/T6511 alloy temper meets 6061-T6511 tensile strength, yield strength, and elongation minimums of rolled plate produced per AMS-QQ-A-250/11 and ASTM B 209.

COMPOSITION NOTE: The values for 'Others Each' and 'Others Total' have met the limits as shown on this certified inspection report. Remainder is Aluminum.

Legal Statement

We hereby certify that, unless otherwise indicated, the material covered by this report has been manufactured, inspected, and tested in accordance with, and has been found to meet, the applicable requirements described herein, including any specifications forming a part of the description and that samples representative of the material met the composition and mechanical properties shown on the face of this certification. Also, note that mercury is not a normal contaminant in aluminum alloys and neither it nor any of its compounds are used in the manufacture of our product. This certification is not to be reproduced in partial form without prior written approval of our Quality Assurance Dept.

Signature And Title

Michael D. Hammer

Mike Hammer

Cressona Plant Manager

06-FEB-17

Quantities per Lot / Packages

Package Number	Lot Number	Quantity	UOM	Weight	
				Gross	Net
G12-PKG2907189	22730458	6	PCS	1396	1390
G12-PKG2907901	22730458	7	PCS	1627	1621
G12-PKG2907911	22730458	7	PCS	1627	1621

Composition Limits

From: TK Materials CA, Ltd.

Cust. DART AEROSPACE LTD

CstAr

Wgt.: 232 LB

Del.: 2405555994

CstOr 38328

Date 11/13/2017

Thomas Sanchez

Sapa

Sapa Industrial Extrusions
53 POTTSVILLE STREET
CRESSONA, PA
17929-0187

Certified Inspection Report

Sales Order Number		Line No.		Customer P/O		Cert Number		Page	
1101181140		8		5400337199-80		SAP/A2596509		Page 2 of 2	
						Cert Creation Date		Cert Print Date	
						06-FEB-17		06-FEB-17	

Alloy	Si		Fe		Cu		Mn		Mg		Cr		Zn	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
6061	0.40	0.80	---	0.70	0.15	0.40	---	0.15	0.80	1.20	0.04	0.35	---	0.25
Alloy	Ti				Others Each				Others Total					
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max		
6061	---	0.15	---	0.05	---	0.15	---	0.15	---	0.15	---	0.15		

Composition Results

Heat/Cast	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others Each	Others Total
4039978	0.71	0.22	0.21	0.02	0.88	0.05	0.02	0.02	---	---

Mechanical Property - Test Limits

Test Type	UTS - L		TYS - L		EL.4B-Long	
	UOM	KSI	UOM	KSI	PCT	
Test Temper	Lot Number	# of Tests	MIN Value		MAX Value	
			---		---	
TK511S8	2270458	1	44.3	44.3	42.5	42.5
			44.3	44.3	14.3	14.3

Cert Notes

Products manufactured with a TK511 temper also meet T6 temper requirements.
Yield strength has been determined by the 0.2% offset method.
All mill finish alloys produced at Sapa Industrial Extrusions comply with Directive 2011/65/EU (RoHS 2) with the exception of 6262 alloy.
In accordance with EN 10204 Inspection Certificate Type 3.1
Fictitious in the USA or "Qualifying Countries" (as defined in Defense Federal Acquisition Regulation Supplement (DFARS) Section 225.872-1)
Manufactured in the United States

From: TK Materials CA, Ltd.

Cust. DART AEROSPACE LTD

CstAr

Wgt.: 232 LB

Del.: 2405555994

CstOr 38328

Date 11/13/2017

Thomas Sanchez

sapa

Sapa Industrial Extrusions
53 ROTTSVILLE STREET

CRESSONA, PA
17929-0187

Sapa Extrusions Inc., a Subsidiary of Sapa AB

Invoice To Customer

COPPER & BRASS SALES INC
ATTN: ACCOUNTS PAYABLE
P.O. BOX 5116

SOUTHFIELD, MI - 48086

Ship To Customer

COPPER & BRASS SALES INC
8001 THYSSENKRUPP PARKWAY

NORTHWOOD, OH - 43619

Certified Inspection Report

Sales Order Number	Line No.	Customer P/O	Cert Number	Page
1101181140	8	5400337199-80	SAPA2596509	1 of 2
			Cert Creation Date	Cert Print Date
			06-FEB-17	06-FEB-17

Quantity Shipped	Date Shipped	Item Description	Specification
4632 LB	06-FEB-17	ACC-U-LINE Extruded ACC-U- PLATE	ASTM B221 REV 14 ASMESB221 REV 09 AMS-QQ-A-2008 REV A IS-AUP REV
B/L	Item No.	1,000 TK x 16,000 W TK TOL. +.038/- .000 W TOL. +.208/- .000 SECT 515175	
807944	Item No. Rev	144 IN LN FIN M-MILL W/F 19.298 F 2 CS 16.1 6061/T6511	
Delivery Id	Item No. Rev	Marking CONTINUOUS;	
4865240			
Customer Part No.			
ALRECO1030			

Applicable Specifications, Revisions and Exceptions

ACC-U-PLATE
Acc-U-Plate(TM) product greater than 0.375" thick in 6061 T6/T6511 alloy temper meets 6061-T651 tensile strength, yield strength, and elongation minimums of rolled plate produced per AMS-QQ-A-250/11 and ASTM B 209.

COMPOSITION NOTE: The values for 'Others Each' and 'Others Total' have met the limits as shown on this certified inspection report. Remainder is Aluminum.

Signature And Title

Michael D. Hammer

Mike Hammer

Cressona Plant Manager

06-FEB-17

Quantities per Lot / Packages

Package Number	Lot Number	Quantity	UOM	Weight	
				Gross	Net
G12-PKG2907889	22730458	6	PCS	1396	1390
G12-PKG2907901	22730458	7	PCS	1627	1621
G12-PKG2907911	22730458	7	PCS	1627	1621

Composition Limits



Sapa Industrial Extrusions
53 POTTSVILLE STREET
CRESSONA, PA
17929-0187

Certified Inspection Report

Sales Order Number	Line No.	Customer P/O	Cert Number	Page
1101181140	8	5400337199-80	SAPPA2596509	2 of 2
			Cert Creation Date	Cert Print Date
			06-FEB-17	06-FEB-17

Alloy	Si		Fe		Cu		Mn		Mg		Cr		Zn	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
6061	0.40	0.80	---	0.70	0.15	0.40	---	0.15	0.80	1.20	0.04	0.35	---	0.25
Alloy	Ti		Others Each		Others Total									
	Min	Max	Min	Max	Min	Max								
6061	---	0.15	---	0.05	---	0.15								

Composition Results

Heat / Cast	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others Each	Others Total
4039978	0.71	0.22	0.21	0.02	0.88	0.05	0.02	0.02	--	--

Mechanical Property - Test Limits

Test Type		UTS - L		TYS - L		EL 4D-Long		
UOM		KSI		KSI		PCT		
# of Test		--		--		--		
Test Temper	Lot Number	# of Tests	MIN Value	MAX Value	MIN Value	MAX Value	MIN Value	MAX Value
T6511S8	22730458	1	44.3	44.3	42.5	42.5	14.3	14.3

Cert Notes

Products manufactured with a T6511 temper also meet T6 temper requirements.
Yield strength has been determined by the 0.2% offset method
All mill finish alloys produced at Sapa Industrial Extrusions comply with Directive 2011/65/EU (RoHS 2) with the exception of 6262 alloy
In accordance with EN 10204 Inspection Certificate Type 3.1
Milled in the USA or "Qualifying Countries" (as defined in Defense Federal Acquisition Regulation Supplement (DFARS) Section 225.872-1)
Manufactured in the United States



Dart Hawkesbury
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO038328

Supplier: THY001-VC
Thyssenkrupp Materials CA Ltd
O/A VPK Metal- c/o T27540
PO Box 4275, Postal "A"
Toronto
ON
M5W 5V8 Canada
Phone: 905 669 9444
Fax: 905 738 9033

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO038328

PO Date: 11/10/17

Due Date: 11/17/17

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Lavoie, Chantal
Phone: clavoie@dartaero.com

Via: Ground

Pynt Terms: Net 30

Freight Terms:

Special Comments: QUOTE NO: 1202894745

E-MAILED
NOV 10 2017

Items

Line Item	Part	Rev	Description	Item Tax	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	M6061T6B1.000X16.000	-	6061-T6 Bar 1.00 X 16.00 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft		Firmed	11/17/17	24 ft	0 ft	24 ft	\$67.26/ft	\$1,614.24
2	M304R1.000	-	304 Round Bar 1.00 : MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276 NOTE: AISI 303 NOT ACCEPTABLE receive ft		Firmed	11/17/17	36 ft	0 ft	36 ft	\$8.66/ft	\$311.76
3	M6061T6B00750X00.125	-	6061-T6 Bar .750 X .125 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft		Firmed	11/17/17	60 ft	0 ft	60 ft	\$1.12/ft	\$67.20

Grand Total: \$1,993.20

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.